

Title (en)

DEVICE RELATED TO ROTARY SAW BLADES

Title (de)

VORRICHTUNG IN BEZUG AUF KREISSÄGEBLÄTTER

Title (fr)

DISPOSITIF SE RAPPORTANT AUX LAMES DE SCIE CIRCULAIRE

Publication

**EP 0814945 B1 20011128 (EN)**

Application

**EP 96907834 A 19960314**

Priority

- SE 9600329 W 19960314
- SE 9500936 A 19950316

Abstract (en)

[origin: WO9628288A1] Device for a rotary saw blade (1) for reducing the sound level during sawing and for reducing the risk of accidents due to an improved quick stop function. On both sides of a non-sawing portion of the saw blade (1) are arranged at least one against the side place of the saw blade (1) contactable member (4, 4'), arranged to facilitate a movement in direction from/towards the saw blade (1). Said members (4, 4') are arranged with channels which are open towards the side plane of the saw blade (1), and are pressed by a pressure acting means (6, 6') in direction towards the saw blade (1). Prior to start of the rotary movement for the saw blade (1), a pneumatic and/or hydraulic medium under pressure is supplied to said channels to form a pneumatic and/or hydraulic cushion between the saw blade (1) and thereagainst contactable members (4, 4'), thereby moving same from their contact position to a separated but adjacent position to the saw blade (1) with a sound and oscillating damping pneumatic and/or hydraulic pressure influence exerted on the saw blade (1).

IPC 1-7

**B27G 19/02**; **B27B 5/38**

IPC 8 full level

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